

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/826,967

Source:

FEWO

Date Processed by STIC:

4/28/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/826,967

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species) <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 00/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/826,967

DATE: 04/28/2004
TIME: 08:47:52

Input Set : A:\seq.txt
Output Set: N:\CRF4\04282004\J826967.raw

3 <110> APPLICANT: Tony, Romeo
4 Xin, Wang
5 Rebecca L., Desplas
7 <120> TITLE OF INVENTION: Novel Genes Involved in the E. coli Biofilm Formation and
Uses
8 Thereof
10 <130> FILE REFERENCE: 42623-0042
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/826,967
C--> 12 <141> CURRENT FILING DATE: 2004-04-16
12 <150> PRIOR APPLICATION NUMBER: US 60/464062
13 <151> PRIOR FILING DATE: 2003-04-17
15 <160> NUMBER OF SEQ ID NOS: 141
17 <170> SOFTWARE: PatentIn version 3.2
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 33
21 <212> TYPE: DNA
22 <213> ORGANISM: primer
25 <220> FEATURE:
26 <221> NAME/KEY: misc_feature
27 <222> LOCATION: (21)..(30)
28 <223> OTHER INFORMATION: n is a, c, g, or t
30 <400> SEQUENCE: 1
W--> 31 ggccacgcgt cgactagtagt nnnnnnnnnn gat
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 18
36 <212> TYPE: DNA
37 <213> ORGANISM: primer
39 <400> SEQUENCE: 2
40 caggctctcc ccgtggag
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 16
45 <212> TYPE: DNA
46 <213> ORGANISM: primer
48 <400> SEQUENCE: 3
49 aaagtgcggg tgatgc
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 20
54 <212> TYPE: DNA
55 <213> ORGANISM: primer
57 <400> SEQUENCE: 4
58 ggccacgcgt cgactagtagt
61 <210> SEQ ID NO: 5
62 <211> LENGTH: 17
63 <212> TYPE: DNA

Does Not Comply
Corrected Diskette Needed

(pg. 6-7)
Mandatory, <213> Response
has to be either artificial/
unknown or Genus/species.
Please see item # 10³³
on error summary sheet.

18

16

20

RAW SEQUENCE LISTING

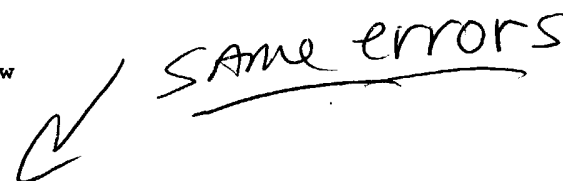
PATENT APPLICATION: US/10/826,967

DATE: 04/28/2004

TIME: 08:47:52

Input Set : A:\seq.txt

Output Set: N:\CRF4\04282004\J826967.raw



64 <213> ORGANISM: primer

66 <400> SEQUENCE: 5

67 ctgcctccca ggcctg

17

70 <210> SEQ ID NO: 6

71 <211> LENGTH: 23

72 <212> TYPE: DNA

73 <213> ORGANISM: primer

75 <400> SEQUENCE: 6

76 ctgacggggt ggtgcgtaac ggc

23

79 <210> SEQ ID NO: 7

80 <211> LENGTH: 22

81 <212> TYPE: DNA

82 <213> ORGANISM: primer

84 <400> SEQUENCE: 7

85 cactcgtgag cgcttacagc cg

22

88 <210> SEQ ID NO: 8

89 <211> LENGTH: 23

90 <212> TYPE: DNA

91 <213> ORGANISM: primer

93 <400> SEQUENCE: 8

94 gattcctcta tttattcgcc cgc

23

97 <210> SEQ ID NO: 9

98 <211> LENGTH: 23

99 <212> TYPE: DNA

100 <213> ORGANISM: primer

102 <400> SEQUENCE: 9

103 ctaatcaacg aggaaaaagg gac

23

106 <210> SEQ ID NO: 10

107 <211> LENGTH: 24

108 <212> TYPE: DNA

109 <213> ORGANISM: primer

111 <400> SEQUENCE: 10

112 aatcggtga atcccacaac ttac

24

115 <210> SEQ ID NO: 11

116 <211> LENGTH: 24

117 <212> TYPE: DNA

118 <213> ORGANISM: primer

120 <400> SEQUENCE: 11

121 ettctgacac atgcagtgga gttg

24

124 <210> SEQ ID NO: 12

125 <211> LENGTH: 26

126 <212> TYPE: DNA

127 <213> ORGANISM: primer

129 <400> SEQUENCE: 12

130 gcgattgtac gctgaaatga aagcac

26

133 <210> SEQ ID NO: 13

134 <211> LENGTH: 24

135 <212> TYPE: DNA

136 <213> ORGANISM: primer

RAW SEQUENCE LISTING

DATE: 04/28/2004

PATENT APPLICATION: US/10/826,967

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Input Set : A:\seq.txt

Output Set: N:\CRF4\04282004\J826967.raw

138 <400> SEQUENCE: 13
 139 atgccactgc atactgatta accc 24
 142 <210> SEQ ID NO: 14
 143 <211> LENGTH: 28
 144 <212> TYPE: DNA
 145 <213> ORGANISM: primer - Same error
 147 <400> SEQUENCE: 14
 148 cgggtgcaaat gccagataag acactaac 28
 151 <210> SEQ ID NO: 15
 152 <211> LENGTH: 17
 153 <212> TYPE: DNA
 154 <213> ORGANISM: primer - Same error
 156 <400> SEQUENCE: 15
 157 caggaaacag ctatgac 17
 160 <210> SEQ ID NO: 16
 161 <211> LENGTH: 25
 162 <212> TYPE: DNA
 163 <213> ORGANISM: primer - Same error
 165 <400> SEQUENCE: 16
 166 aaacgtgaac tgatgcaagg atcgc 25
 169 <210> SEQ ID NO: 17
 170 <211> LENGTH: 25
 171 <212> TYPE: DNA
 172 <213> ORGANISM: primer - Same error
 174 <400> SEQUENCE: 17
 175 gatcatcgct ggcttgctga ttggc 25
 178 <210> SEQ ID NO: 18
 179 <211> LENGTH: 27
 180 <212> TYPE: DNA
 181 <213> ORGANISM: primer - Same error
 183 <400> SEQUENCE: 18
 184 gatattgtga actatcgcaa agaatcc 27
 187 <210> SEQ ID NO: 19
 188 <211> LENGTH: 26
 189 <212> TYPE: DNA
 190 <213> ORGANISM: primer - Same error
 192 <400> SEQUENCE: 19
 193 cgatgcacaa tgcaatcttc gttgcc 26
 196 <210> SEQ ID NO: 20
 197 <211> LENGTH: 220
 198 <212> TYPE: DNA
 199 <213> ORGANISM: partial gene with transposon insert
 201 <400> SEQUENCE: 20
 202 caggaaacag ctatgaccat gattacgcca agcttggtac cgagctcgga tccactagta 60
 204 acggcgccca gtgtgctgga attcggtta agccgaattc tgcagatata catcacactg 120
 206 gcggcgctc gagcatgcat ctagagggcc caattcgccc tatagtgagt cgtattacaa 180
 208 ttcactggcc gtcgttttac aacgtcgtga ctggcaaaac 220
 211 <210> SEQ ID NO: 21
 212 <211> LENGTH: 220

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

please insert this response in

section

<220> -

<223>

↑ Mandatory <213> Responses has to be either Artificial/Unknown or Genus/Species.

10 on error

RAW SEQUENCE LISTING

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TIME: 08:47:52

Input Set : A:\seq.txt

Output Set: N:\CRF4\04282004\J826967.raw

```

213 <212> TYPE: DNA
214 <213> ORGANISM: artificial
216 <220> FEATURE:
217 <223> OTHER INFORMATION: (partial gene with transposon insert
219 <400> SEQUENCE: 21
220 gtcctttgtc gatactggta ctaatgcggt tcgaaccatg gctcgagcct aggtgatcat      60
222 tgccggcggt cacacgacct taagccgaat tcggcttaag acgtctatag gtagtgtgac      120
224 cgccggcgag ctgctacgta gatctcccgg gttaagcggg atatcactca gcataatgtt      180
226 aagtgaccgg cagcaaatg ttgcagcact gacccttttg                               220
229 <210> SEQ ID NO: 22
230 <211> LENGTH: 309
231 <212> TYPE: DNA
232 <213> ORGANISM: artificial
234 <220> FEATURE:
235 <223> OTHER INFORMATION: partial gene with transposon insert
237 <400> SEQUENCE: 22
238 aaaaacggtt accgcatccg ggatcatatg acaagatgtg tatccacctt aacttaatga      60
240 tttttaccaa aatcattagg ggattcatca gggtcaggtc tggatttaag ttccatcctt      120
242 gatagcctca ccgccgcgca aaaagcgacg ctaaccccca tttcaaataca gcaatcgctg      180
244 tttaccgcta aacttagcgc ctacggtagc ctgaaaagcg cgctgacgac tttccagacc      240
246 gccaatactg cattgtctaa agccgatctt ttttccgcca ccagcaccac cagcagcacc      300
248 accgcgttc                               309
251 <210> SEQ ID NO: 23
252 <211> LENGTH: 326
253 <212> TYPE: DNA
254 <213> ORGANISM: artificial
256 <220> FEATURE:
257 <223> OTHER INFORMATION: partial gene with transposon insert
260 <220> FEATURE:
261 <221> NAME/KEY: misc_feature
262 <222> LOCATION: (293)..(293)
263 <223> OTHER INFORMATION: n is a, c, g, or t
265 <220> FEATURE:
266 <221> NAME/KEY: misc_feature
267 <222> LOCATION: (295)..(301)
268 <223> OTHER INFORMATION: n is a, c, g, or t
270 <220> FEATURE:
271 <221> NAME/KEY: misc_feature
272 <222> LOCATION: (324)..(326)
273 <223> OTHER INFORMATION: n is a, c, g, or t
275 <400> SEQUENCE: 23
276 aaaaacggtt accgcatccg ggatcatatg acaagatgtg tatccacctt aacttaatga      60
278 tttttaccaa aatcattagg ggattcatca gagttaagtc ccataccaac catggacgca      120
280 atgcagaata ttatgcctgg gtacaaaatc atctcaaaga gcatcccgca gatcgcggtg      180
282 ttgggtttta taagatgcct ggctggatg tttattttgc cgctgatgtt tgttacgcgc      240
W--> 284 agaaagtgtc gcaagaaaaa gggttttttat atcgtttaac atcacgatat ccncnnnnnn      300
286 ngtactagtc gacgcggggc caannn                               326
289 <210> SEQ ID NO: 24
290 <211> LENGTH: 164

```

RAW SEQUENCE LISTING

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PATENT APPLICATION: US/10/826,967

TIME: 08:47:52

Input Set : A:\seq.txt

Output Set: N:\CRF4\04282004\J826967.raw

```

291 <212> TYPE: DNA
292 <213> ORGANISM: artificial
294 <220> FEATURE:
295 <223> OTHER INFORMATION: partial gene with transposon insert
298 <220> FEATURE:
299 <221> NAME/KEY: misc_feature
300 <222> LOCATION: (1)..(1)
301 <223> OTHER INFORMATION: n is a, c, g, or t
303 <220> FEATURE:
304 <221> NAME/KEY: misc_feature
305 <222> LOCATION: (135)..(136)
306 <223> OTHER INFORMATION: n is a, c, g, or t
308 <220> FEATURE:
309 <221> NAME/KEY: misc_feature
310 <222> LOCATION: (138)..(139)
311 <223> OTHER INFORMATION: n is a, c, g, or t
313 <220> FEATURE:
314 <221> NAME/KEY: misc_feature
315 <222> LOCATION: (141)..(141)
316 <223> OTHER INFORMATION: n is a, c, g, or t
318 <220> FEATURE:
319 <221> NAME/KEY: misc_feature
320 <222> LOCATION: (143)..(143)
321 <223> OTHER INFORMATION: n is a, c, g, or t
323 <220> FEATURE:
324 <221> NAME/KEY: misc_feature
325 <222> LOCATION: (145)..(145)
326 <223> OTHER INFORMATION: n is a, c, g, or t
328 <400> SEQUENCE: 24
W--> 329 naaaaaccgcg ccggacatcc cggatccggg atcatatgac aagatgtgta tccaccttaa      60
331 cttaatgatt tttaacaaaa tcattagggg attcatcagt gttcaacctg ctgcgtcgta      120
333 gcccgatat atcnnnnnc ncngnactag tcgacgcgtg gccca      164
336 <210> SEQ ID NO: 25
337 <211> LENGTH: 296
338 <212> TYPE: DNA
339 <213> ORGANISM: artificial
341 <220> FEATURE:
342 <223> OTHER INFORMATION: partial gene with transposon insert
345 <220> FEATURE:
346 <221> NAME/KEY: misc_feature
347 <222> LOCATION: (6)..(6)
348 <223> OTHER INFORMATION: n is a, c, g, or t
350 <220> FEATURE:
351 <221> NAME/KEY: misc_feature
352 <222> LOCATION: (92)..(92)
353 <223> OTHER INFORMATION: n is a, c, g, or t
355 <220> FEATURE:
356 <221> NAME/KEY: misc_feature
357 <222> LOCATION: (134)..(135)

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/826,967DATE: 04/28/2004
TIME: 08:47:53

Input Set : A:\seq.txt

Output Set: N:\CRF4\04282004\J826967.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 21,22,23,24,25,26,27,28,29,30
Seq#:23; N Pos. 293,295,296,297,298,299,300,301,324,325,326
Seq#:24; N Pos. 1,135,136,138,139,141,143,145
Seq#:25; N Pos. 6,92,134,135,139,149,152,155,157,163,170,171,226
Seq#:27; N Pos. 350,352,354,355,356,357,358
Seq#:29; N Pos. 4
Seq#:30; N Pos. 1,2,4,5,10,15,16,23,153,165,179,189,198,207,232,243,248,256
Seq#:30; N Pos. 258,268,269,279,287,289,292,304,306,310,311,312,313,317,319
Seq#:30; N Pos. 325,326,328,332,337,341,342,344,345,347,350,355,357,361,362
Seq#:30; N Pos. 365,367,370,371,375,379,380,381,385,386,388,389,391,396
Seq#:31; N Pos. 196,202,207,214
Seq#:32; N Pos. 4,217,218,219,245,247,248,249,250
Seq#:33; N Pos. 178,185,188,195,210,213
Seq#:34; N Pos. 10,11
Seq#:36; N Pos. 1,3,4,5,11,186,187,188,189,190,191,192,193,194
Seq#:37; N Pos. 7,114,118,135,149,150,161,172,194,201,202,215,229,232,246
Seq#:37; N Pos. 249,257,275,277,280,285,290,292,293,294,298,300,301,302,303
Seq#:37; N Pos. 304,310,314,319,320,321,323,327,330,332,334,335,336,346,349
Seq#:37; N Pos. 350,354,358,364,369,372,373,374,380,383,384,388,390,391,392
Seq#:38; N Pos. 3,442,449
Seq#:40; N Pos. 1,2,6
Seq#:41; N Pos. 2
Seq#:42; N Pos. 3,229,230,231,232,233,234,235,236,237
Seq#:43; N Pos. 3,119,349,350,351,352,353,355,356,357
Seq#:44; N Pos. 4,13,181,183,185,186,187,188,189,190,191,197,198,199,202
Seq#:44; N Pos. 206
Seq#:45; N Pos. 179,181,196,246,248,256,261,276,277,279,293,300,302,324,331
Seq#:45; N Pos. 339,350
Seq#:46; N Pos. 1,10
Seq#:47; N Pos. 2
Seq#:48; N Pos. 1,8,306,307
Seq#:49; N Pos. 5,269,276,277,299,300,306,313,315,318,322,328,333,339,350
Seq#:50; N Pos. 2,3,5,8,12,112,128,137,142,147,150,157,158
Seq#:51; N Pos. 3
Seq#:52; N Pos. 152,155,156,157,169,365,366,367,368,369,370,372
Seq#:53; N Pos. 3,148,151,155,156,183,184,185,186,191,192,193,194,195,196
Seq#:53; N Pos. 197,198,199,200,201,202,203,204,208,209,210,211,212,214,217
Seq#:53; N Pos. 220,221,223,224,225,226
Seq#:54; N Pos. 1,2,3,5,20,158,160,161,162,165,166,191,192,193,195,196,197
Seq#:54; N Pos. 198,199,200,201,203,204,205,207,210,213,216,220,221,225
Seq#:55; N Pos. 397,401,404
Seq#:56; N Pos. 4,11,13,118,119,121,122,124,125,148,152,153,154,155,156,160
Seq#:56; N Pos. 161,163,164,165,166,167,168,174,175,176
Seq#:57; N Pos. 273,290,291,293,295,296,298,300,307,310,321,328,330,331,332

RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : A:\seq.txt

Output Set: N:\CRF4\04282004\J826967.raw

Seq#:57; N Pos. 339,341,342,349

Seq#:59; N Pos. 1,7

Seq#:60; N Pos. 2,3,4,5,62,78,86,96,98,110,125,132,141,157,159,173,182,194

Seq#:60; N Pos. 212,222,228,229,232,235,239,246,248,251,254,255,262,266,267

Seq#:60; N Pos. 272,276,279,280,283,285,286,288,290,293,295,298,301,302,303

Seq#:60; N Pos. 305,307,308,310,313,321,323,324,325,326,332,334,335,336,338

Seq#:60; N Pos. 339,341,342,343,344,345,346,347,349,352,353,357,358,364,366

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

Seq#:45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68

Seq#:69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92

Seq#:93,94,95,96,97,98,99,100,101,102,103,104,105,106,107,108,109,110,111,112

Seq#:113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130

Seq#:131,132,133,134,135,136,137,138,139,140,141

VERIFICATION SUMMARY

DATE: 04/28/2004

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TIME: 08:47:53

Input Set : A:\seq.txt

Output Set: N:\CRF4\04282004\J826967.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:31 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:240
M:341 Repeated in SeqNo=23
L:329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
M:341 Repeated in SeqNo=24
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
M:341 Repeated in SeqNo=25
L:469 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:300
L:513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
M:341 Repeated in SeqNo=30
L:817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:180
L:854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
M:341 Repeated in SeqNo=32
L:909 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:120
M:341 Repeated in SeqNo=33
L:933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
M:341 Repeated in SeqNo=36
L:1225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
M:341 Repeated in SeqNo=37
L:1265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
M:341 Repeated in SeqNo=38
L:1322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
M:341 Repeated in SeqNo=42
L:1420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
M:341 Repeated in SeqNo=43
L:1485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
M:341 Repeated in SeqNo=44
L:1588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:120
M:341 Repeated in SeqNo=45
L:1617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:1643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
L:1679 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
M:341 Repeated in SeqNo=48
L:1767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
M:341 Repeated in SeqNo=49
L:1845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
M:341 Repeated in SeqNo=50
L:1867 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
L:1917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:120
M:341 Repeated in SeqNo=52
L:1993 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0
M:341 Repeated in SeqNo=53

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/826,967

DATE: 04/28/2004

TIME: 08:47:53

Input Set : A:\seq.txt

Output Set: N:\CRF4\04282004\J826967.raw

L:2087 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:0

M:341 Repeated in SeqNo=54

L:2133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:360

L:2203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0